


Characteristic	Standard	Unit	Requirement	Values From Manufacturing Controls*
Modulus at 10% Elongation	ASTM D412	psi	≥300	>405
Coefficient of Friction	ASTM D2047	-	≥0.50	≥0.80
Hardness	ASTM D2240	Shore A	≥85	95 ±5
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	<0.15
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	>0.45 (Class 1)
Optical Density of Smoke	ASTM E662	-	≤450	<450
Antimicrobial Activity	ASTM E2180	-	-	Significant Reduction
Wear Layer Thickness	ASTM F410	mm	≥1	>1
Chemical Resistance	ASTM F925	-	-	Compliant**
Static Load	ASTM F970	in	≤0.005 (at 250 psi)	0.001 (at 250 psi) 0.003 (at 800 psi)
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Tile Size	ASTM F2055	mm	±0.45	Compliant
Tile Squareness	ASTM F2055	mm	≤0.254	Compliant
Dimensional Stability of Tiles	ASTM F2199	%	≤0.15	Compliant
Impact Sound Insulation	ISO 10140-3	dB	-	≥10 (ΔL _w)

Environmental Attributes

Air Quality (VOC Emissions)	AgBB CA Section 01350 GREENGUARD Certification GREENGUARD Gold M1 Emission Class for Building Materials				✓ ✓ ✓ ✓ ✓	
Health-Conscious Production	Massetto is manufactured <u>without</u> : BPA (Bisphenol A) Isocyanate	Formaldehyde Phthalate	Halogen Heavy Metal	PVC		
Materials and Resources	Pre-consumer recycled content: Rapidly renewable materials:			≥3% ≥10%		
Production Plant	ISO 9001 and ISO 14001 Resilient flooring manufactured using a source of green energy: solar energy.					

Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	3 mm (±0.1 mm)	0.118" (±0.004")
Weight	~4.9 kg/m ²	~1.00 lb/ft ²
Roll Width	1.90 m	6'2"
Roll Length	10 m [min. 6 m; max. 18 m]	32'9" [min. 19'8"; max. 59']
Tiles	61 cm x 61 cm	24" x 24"

*Mondo reserves the right to modify product design and/or specifications at any time without notice.

**For the complete list of chemicals tested, concentrations and contact time, please communicate with Mondo's Technical Department.